

IN THE CLAIMS:

Please amend the claims as follows. The claims are in the format as required by 35 C.F.R. § 1.121.

1. (Currently Amended) A method of predicting a business potential for a first customer comprising:

accessing data stored on a computer-readable medium regarding the first customer of a particular vendor, wherein the data pertains to one or more transactions between the first customer and the particular vendor; and

assigning a value for the business potential for the first customer, wherein the value is a function of at least a behavior for a group of other individuals in a population and is based at least in part on the data, and wherein the business potential measures a potential transaction quantity available for the first customer with respect to the particular vendor.

2. (Original) The method of claim 1, further comprising:

determining an individualized result and a group-wide result, wherein:

the individualized result includes a maximum amount spent by the first customer during a first transaction or over a first time period, wherein the maximum amount spent by the first customer is obtained from the data; and

the group-wide result includes a function of maximum amounts spent by other customers within a group of customers during a second transaction or over second time period; and

comparing the individualized result with the group-wide result.

3. (Withdrawn) The method of claim 1, further comprising:

determining an individualized result and a group-wide result, wherein:

the individualized result includes an individual preference score based on items purchased by the first customer, wherein the individual preference score is obtained from the data; and

the group-wide result includes a group-wide preference score based on items purchased by other customers within a group of customers; and

comparing the individualized result with the group-wide result.

4. (Withdrawn) The method of claim 1, further comprising using the data to determine an approximate distance between the first customer and a location of a vendor, wherein the distance is used in determining the value.
5. (Withdrawn) The method of claim 1, further comprising using the data to determine a geographic indicator, wherein the geographic indicator is used in determining the value.
6. (Previously Presented) The method of claim 1, further comprising:
collecting the data, wherein the data includes transactional data internal to the vendor;
and
storing the data on a computer-readable medium, wherein the acts of collecting, storing, accessing, and assigning are performed by the vendor.
7. (Previously Presented) The method of claim 1, wherein the method takes a computational time that is substantially directly proportional to N or $N \cdot \log(N)$, wherein N is the number of transactions being analyzed.
8. (Withdrawn) The method of claim 1, wherein the value is determined by at least two of an item preference model, a maximum spending model, and a geographic model.
9. (Withdrawn) The method of claim 1, wherein the at least a behavior includes an average spending amount for a group of customers within the population.

10. (Currently Amended) A data processing system readable medium having code embodied therein, the code including instructions executable by a data processing system, wherein the instructions are configured to cause the data processing system to:

accessing data stored on a computer-readable medium regarding the first customer of a particular vendor, wherein the data pertains to one or more transactions between the first customer and the particular vendor; and

assigning a value for the business potential for the first customer, wherein the value is a function of at least a behavior for a group of other individuals in a population and is based at least in part on the data, and wherein the business potential measures a potential transaction quantity available for the first customer with respect to the particular vendor.

11. (Previously Presented) The data processing system readable medium of claim 10, wherein the instructions are further configured to cause the data processing system to:

determining an individualized result and a group-wide result, wherein:

the individualized result includes a maximum amount spent by the first customer during a first transaction or a first time period, wherein the maximum amount spend by the first customer is obtained from the data; and

the group-wide result includes a function of maximum amounts spent by other customers within a group of customers during a second transaction or second time period; and
comparing the individualized result with the group-wide result.

12. (Withdrawn) The data processing system readable medium of claim 10, wherein the method further comprises:

determining an individualized result and a group-wide result, wherein:

the individualized result includes an individual preference score based on items purchased by the first customer, wherein the individual preference score is obtained from the data; and

the group-wide result includes group-wide preference score based on items purchased by other customers within a group of customers; and
comparing the individualized result with the group-wide result.

13. (Withdrawn) The data processing system readable medium of claim 10, wherein the method further: using the data to determine an approximate distance between the first customer and a location of a vendor, wherein the distance is used in determining the value.

14. (Withdrawn) The data processing system readable medium of claim 10, wherein the method further comprises: using the data to determine a geographic indicator, wherein the geographic indicator is used in determining the value.

15. (Currently Amended) The data processing system readable medium of claim 10, wherein the instructions are further configured to cause the data processing system to wherein ~~the method further comprises:~~

collecting the data, wherein the data includes transactional data internal to the vendor;
and

storing the data, wherein the acts of collecting, storing, accessing, and assigning are performed by the vendor.

16. (Currently Amended) The data processing system readable medium of claim 10, wherein the instructions are further configured to cause the data processing system to wherein ~~the method takes a computational time that is substantially directly proportional to N or $N \cdot \log(N)$~~ , wherein N is the number of transactions being analyzed.

17. (Withdrawn) The data processing system readable medium of claim 10, wherein the value is determined by at least two of an item preference model, a maximum spending model, and a geographic model.

18. (Withdrawn) The data processing system readable medium of claim 10, wherein the at least a behavior includes an average spending amount for a group of customers within the population.

19. (New) A method of predicting a business potential for a first customer comprising:
 - accessing first data stored on a computer-readable medium regarding the first customer of a particular vendor, wherein the first data pertains to one or more transactions between the first customer and the particular vendor;
 - accessing second data stored on the computer-readable medium regarding a set of customers of the particular vendor, wherein the data pertains to one or more transactions between the set of customers and the particular vendor;
 - generating a set of group profiles based on the second data;
 - associating the first customer with one or more of the set of group profiles;
 - assigning a value for the business potential for the first customer based on the one or more group profiles associated with the first customer and the first data, wherein the business potential measures a potential transaction quantity available for the first customer with respect to the particular vendor.
20. (New) The method of claim 19, wherein the set of group profiles are generated based on a model.
21. (New) The method of claim 20, wherein the model is a geographic model
22. (New) The method of claim 21, wherein the geographic model utilizes a geographic indicator.
23. (New) The method of claim 22, wherein the geographic indicator is a customer distance from the particular vendor.
24. (New) The method of claim 22, wherein the geographic indicator is a zip code.